Colour television

14PT2110
21PT2110

Operating Instructions

PHILIPS

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Recycling Directive – To minimise harm to the environment, the batteries supplied with the TV set do not contain mercury or nickel cadmium. If possible, when disposing of batteries, use recycling means available to you. Your TV set uses materials which are reusable or which can be recycled. To minimise the amount of waste in the environment, specialist companies recover used sets for dismantling and collection of reusable materials (contact your dealer).

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SAFETY INFORMATION AND USEFUL TIPS

Safety Information

- Disconnect mains plug when:
  - the red light below the TV screen is flashing continuously.
  - a bright white line is displayed across the screen.
  - cleaning the TV screen. Never use abrasive cleaning agents. Use a slight damp chamois leather or soft cloth.
  - there is a lightning storm.
  - the set is left unattended for a prolonged period of time.
- No naked flame sources, such as lighted candles, should be placed on top of the TV or in the vicinity.
- Do not place your TV set under direct sunlight or heat.
- Leave at least 5 cm around each side of TV set to allow for proper ventilation.
- Avoid placing your set (e.g. near the window) where it is likely to be exposed to rain or water.
- No objects filled with liquids should be placed on top the TV so as to avoid dripping or splashing of liquids on the set.

Useful Tips

- Do not leave your set on standby mode for a prolonged period of time. Switch off set to allow it to be demagnetised. A demagnetised set supports good picture quality.
- Do not shift or move the set around when it is switched on. Unevenness in colour in some parts of the screen may occur.
- Never attempt to repair a defective TV yourself. Always consult a skilled service personnel.

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BEFORE CALLING SERVICE

Below is a list of frequently occurred symptoms. Before you call for service, make these simple checks. Some of these symptoms can easily be rectified if you know what to do.

Symptom	What you should do
Colour patch (unevenness)	• Switch off the TV by the mains power button. Wait for 20 minutes before switching on again. • Check the TV is not placed too near speakers or magnetic objects.
No power	• Check the TV's AC power cord is plugged into the mains socket. If there is still no power, disconnect plug. Wait for 60 seconds and re-insert plug. Switch on TV again.
No picture	• Check the antenna connection at the rear of the TV. • Possible TV station problem. Try another channel.
Good picture but no sound	• Try increasing the volume. • Check that the sound is not muted. If it is muted, press the Mute button on the remote control to restore sound.
Good sound but poor colour or no picture	• Try increasing the contrast colour and brightness setting.
Snowish picture and noise	• Check antenna connection at the rear of the TV.
Horizontal dotted lines	• Possible electrical interference e.g. hairdryer, vacuum cleaner, etc. Switch off appliances.
Double images or "Ghost" images	• Possible poor positioning of antenna. Using a highly directional antenna may improve reception.
TV not responding to remote control handset	• Check life span of batteries of remote control handset. • Aim remote control handset directly at remote control sensor lens on the TV.

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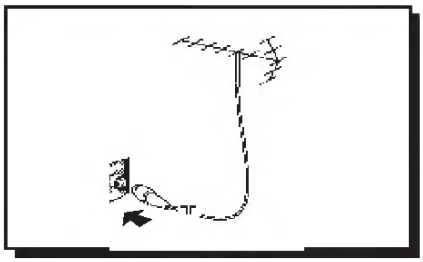
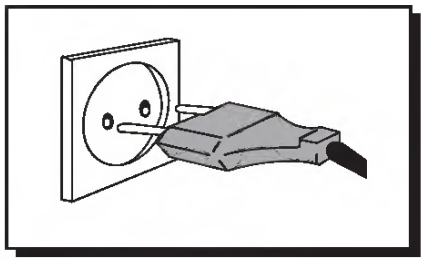
HOOKING UP YOUR TV (BASIC CONNECTION)



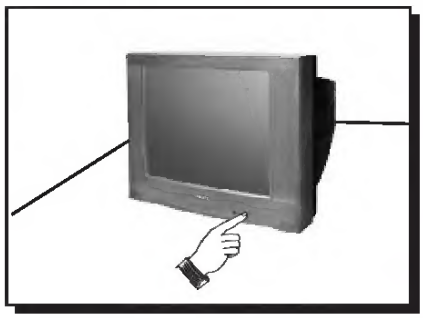
Antenna Connection

- Connect the aerial plug to the antenna socket on the backcover.
- Insert the mains plug into the wall socket.



Mains Connection

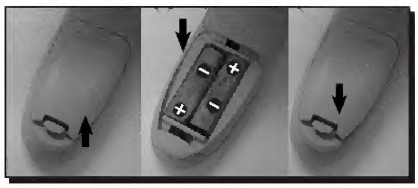
- For correct mains voltage, refer to type sticker at the rear of the TV set.
- Consult your dealer if mains supply is different. **Note :** This diagram is not representative of the actual plug and socket.



Switch on the set

- Press the main power button to switch on/off the TV.
- If the set is on standby (indicator is red), press the Power button on the remote control to switch on set.

USE/CARE OF REMOTE CONTROL



- Insert the correct type of batteries into the compartment.
- Ensure the batteries are placed in the right direction.

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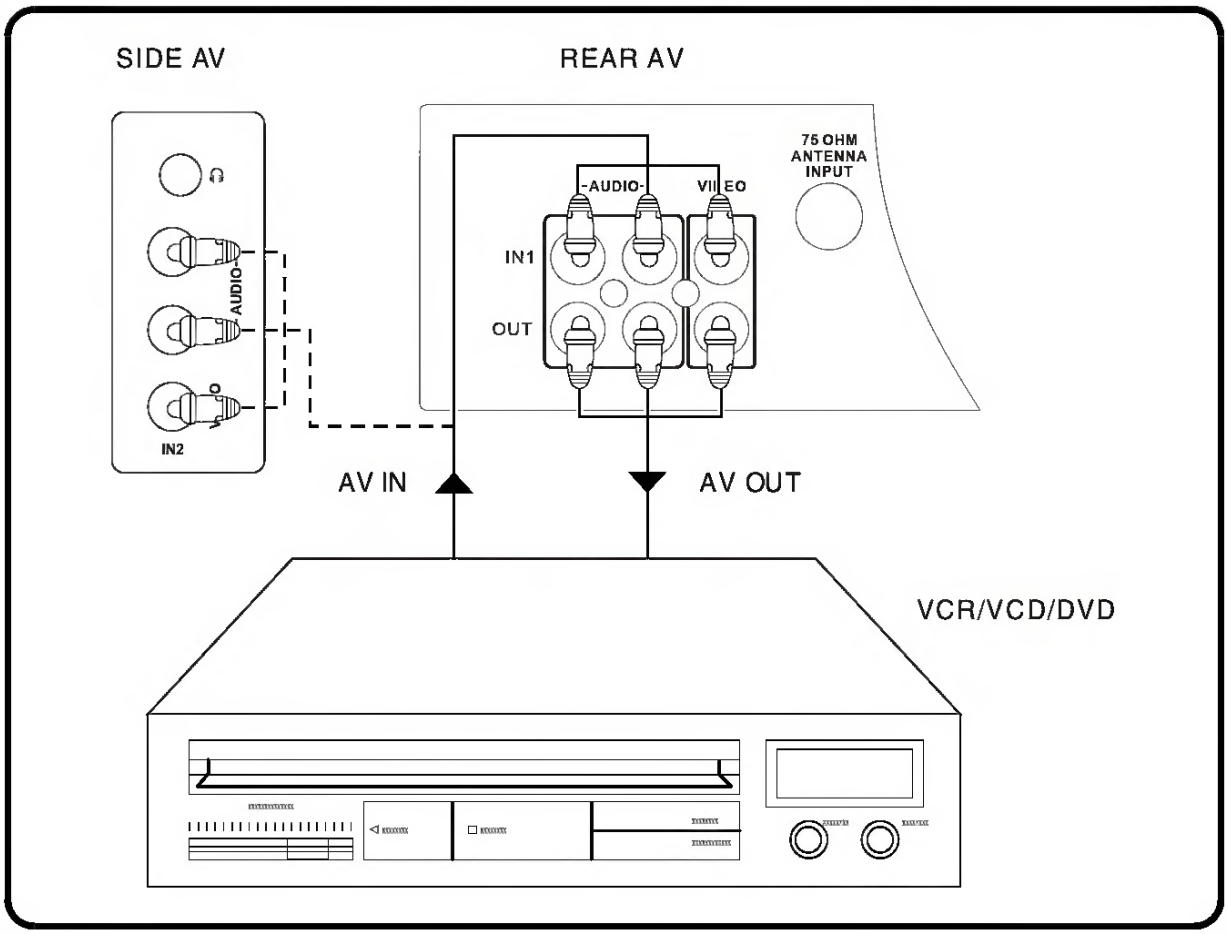
CONNECTING THE AUDIO/VIDEO SOCKETS (PLAYBACK)



You can view the playback of VCR/VCD/DVD tapes by using the AUDIO and VIDEO INPUT sockets on the side or rear of the TV.

Connect the VIDEO and AUDIO IN sockets on the side or rear of the TV to the VIDEO and AUDIO OUT sockets on the audio/video equipment.

NOTE:

Rear AV input and side AV input can not be used simultaneously. As the Side AV does not have the Auto priority, users will have to manually go to AV2 with the TV/AV button to receive video & audio content of videocam.

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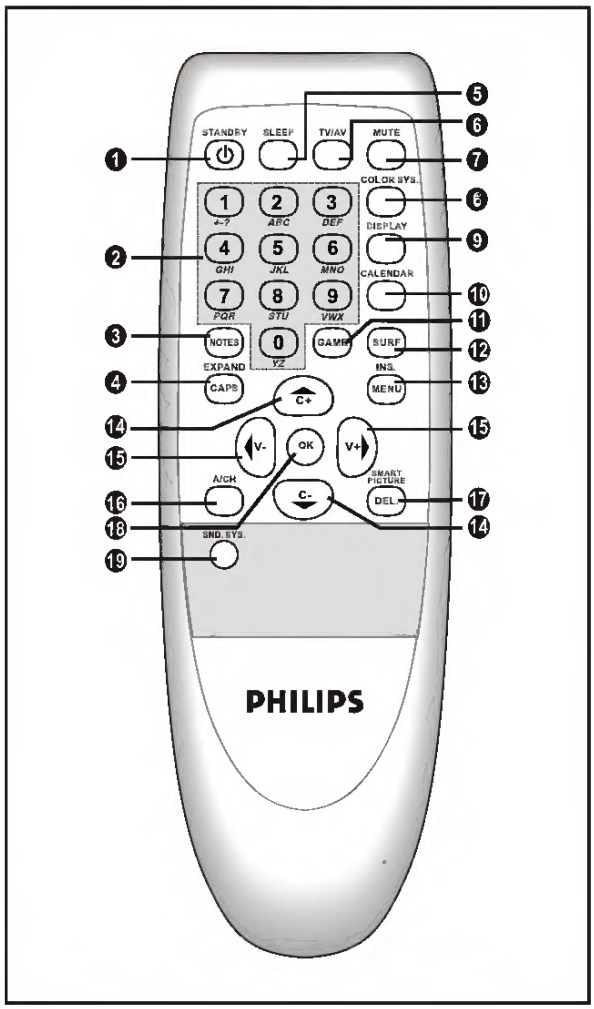
FUNCTION OF REMOTE CONTROL



Introduction of key function:

This TV features with a full-function remote control handset. For a more compact remote unit design, some of the keys are multiple with more than one function. The following text describes the function of keys on remote control unit. Function related to notebook operated are marked with a symbol ❄.

❶ Standby button

- Switch the set off temporarily to standby mode. (The red light indicator lights up when the set is on standby mode).
- To switch on set from standby mode, press Channel +/- or TV/AV on the set, or Standby button on the remote control.

❷ Digit (0-9) Buttons

- Press 0-9 buttons to select a channel.

❄ To select 0-9 digits, A-Z (or a-z) letters, common marks and punctuation marks when write data or information to be stored in notebook.

❸ Notes Button

❄ To activate the notebook function.

❹ Caps/Expand Button

❄ To select the input form before data or information writing between capital and small letter.

- To expand the screen display ratio to 4:3.

❺ Sleep Button

- Allows you to select a time period after which the set will switch to standby mode automatically. This television can be programmed up to 120 minutes (5 minutes intervals).

❻ TV/AV Button

- To switch between TV channel and AV input sources.

❼ Mute Button

- Mute sound. To restore sound, press button again.

❽ Color System Button

- To select color system without going into submenu.

❾ Display Button

- Press to display the current channel No. and function status.
- Press the button once again to display the current time on the screen.

❿ Calendar Button

- To enter or exit the perpetual calendar directly.

⓫ Game Button

- To enter or exit the game directly.

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FUNCTION OF REMOTE CONTROL

⑫ Surf Button
- To browse the preset favorite channels. (This button will not function if you have not set any favorite channel.)

⑬ Menu/Insert Button
- Display the main menu. Also exits menu from screen.
* To insert or overwrite a letter, digit or symbol when you edit the information previously stored in notebook.

⑭ Channel +/- Buttons
- Allows you to select channels in ascending or descending order.
- Allows you to select the next item in the menu.

⑮ Volume +/- Buttons
- Increases or decreases volume.
- Allows you to access the sub-menus and adjust the settings.

⑯ A/CH(alternate channel) Button
- Press to switch between the current channel and the previous channel.

⑰ Delete/Smart Picture Button
* Within the on-screen menu of Sort, press to delete the undesired channel No..
* In notebook mode, to delete the word or symbols previously stored.
- Press to cyclically select a Smart Picture option (factory-preset picture controls for different types of video sources and programs.)

⑱ OK Button
- Within the on-screen menu, press to enter some special function such as game, notebook, calendar and etc.

⑲ Sound System Button
- To directly select sound system without going into submenu.

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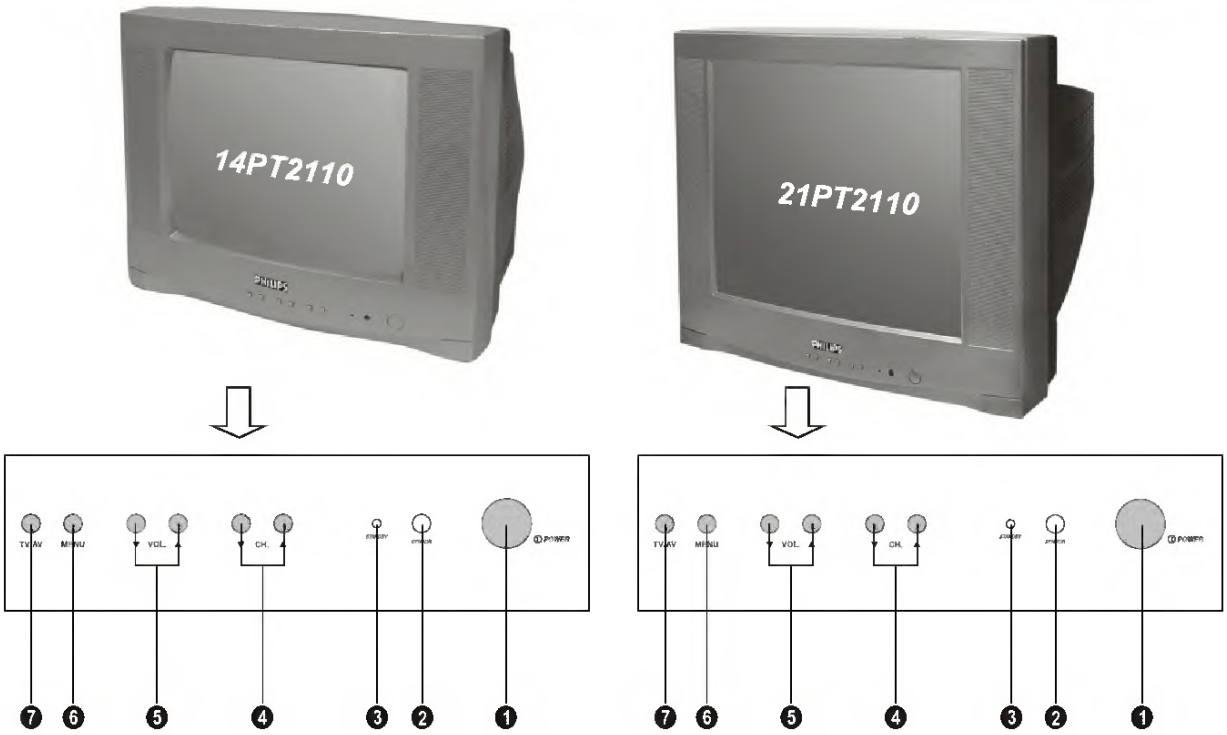
FUNCTION OF TV CONTROLS



❶	Main Power button	• Switch mains power on or off
❷	Remote Sensor	• Acts as a sensor for activating the controls of the TV when remote control handset is aimed at it.
❸	Standby light indicator	• Indicate red light when standby mode is activated.
❹	Channel down/up button	• Select channel in descending/ascending order. • Turn on the TV when it is in standby mode. • Select the next item on the menu.
❺	Volume down/up button	• Adjust sound volume softer/louder. • Access sub-menu and adjusting the settings.
❻	Menu button	• Enter the main menu. • Press and hold this button for 3 seconds, it will perform AUTO STORE function.
❼	TV/AV button	• Switch between TV channel and AV input sources. • Turn on the TV when it is in standby mode.

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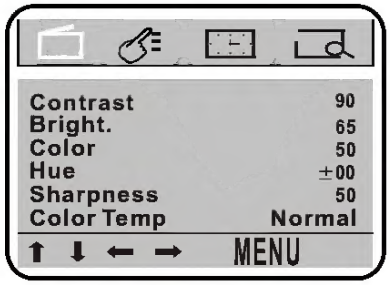
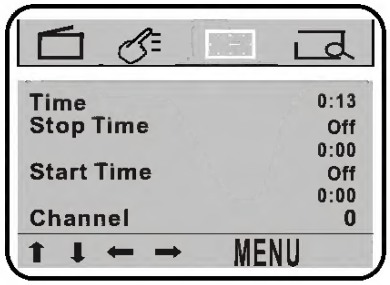
SELECTING THE MAIN MENU

Operating instructions generally explains the operation of the TV set using the buttons on the remote control unless otherwise stated. Please read the following instructions carefully and follow the steps as shown to familiarise yourself with the installations and all features available in your set.

Press the Menu button and Volume +/- buttons to select the main menu PICTURE, FEATURE, TIMER and PRESET.

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	
2	V- / V+	Press button repeatedly until FEATURE menu is selected.	
3	V- / V+	Press button repeatedly until TIMER menu is selected.	
4	V- / V+	Press button repeatedly until PRESET menu is selected.	
5	MENU	Press button to exit menu from screen.	

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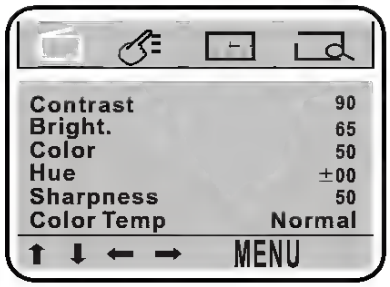
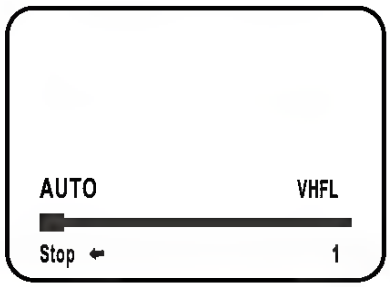
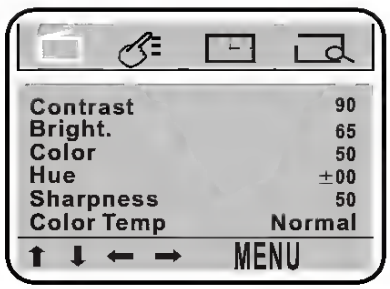
AUTOMATIC TUNING OF CHANNELS

Automatic tuning of channels allows you to store each programme automatically.

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	
2	V- / V+	Press button repeatedly until PRESET menu is selected.	
3	C+ / C-	Press button repeatedly until Auto Store is selected.	
4	OK	Start automatic tuning of channels.	
5	V-	Press button to stop tuning. **Note:** when the tuning is completed, the menu will quit automatically.	

MANUAL TUNING OF CHANNELS

Manual tuning allows you to select your preferred channel number for every available programme.

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	

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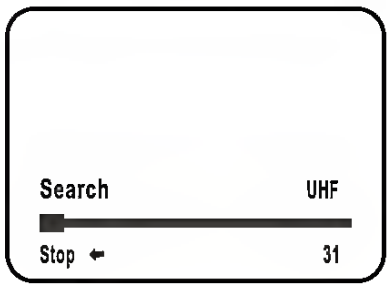
MANUAL TUNING OF CHANNELS

Step	Press button		Result on screen
2	V- / V+	Press button repeatedly until PRESET menu is selected.	
3	C+ / C-	Press button repeatedly until Channel is selected.	
4	V- / V+	Press button repeatedly to select the channel no.,e.g. 31.	
5	C+ / C-	Select Band.	
6	V- / V+	Select the frequency band among VHFL/VHFH/UHF.	
7	C+ / C-	Select Manual Store.	
8	V+	Press button to manual tune upward. Searching stops once a transmitting signal is found.	
9	V-	Press button to stop manual tune.	

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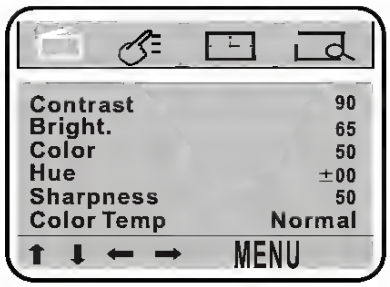
MANUAL TUNING OF CHANNELS

Notes:

- If the searched channel is not as your desired, you can simply restart the searching upward or downward by pressing the ◀V- or V+▶ button.
- To stop manual searching, press the ◀V- button when searching upward, or press V+▶ button when searching downward.
- The menu will time out and disappear from the screen when you finish, or you can press the MENU button to clear the menu from the screen.

FINE TUNING OF CHANNELS

This feature allows you to adjust picture reception in areas of weak reception.

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	
2	◀V- / V+▶	Press button repeatedly until PRESET menu is selected.	
3	C+ / C-	Press button repeatedly until Fine Tune is selected.	
4	V+▶	Fine tune the channel upward.	
5	◀V-	Fine tune the channel downward.	
6	MENU	Press button to exit menu from screen or menu will quit after a few seconds without further action.	

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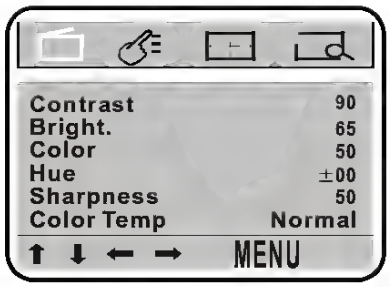
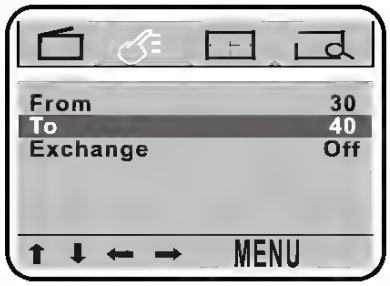
CHANNEL SWAP

This feature allows you to rearrange the channel numbers in which the channels are stored.

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	
2	V- / V+	Press button repeatedly until FEATURE menu is selected.	
3	C+ / C-	Press button repeatedly until CH Swap is selected.	
4	OK	Enter CH Swap submenu.	
5	C+ / C-	Select From.	
6	V- / V+	Select the channel no. you want to change, e.g. 30.	
7	C+ / C-	Select To.	
8	V- / V+	Select the channel no. to be replaced, e.g. 40, that means to replace channel 40 by channel 30.	
9	C+ / C-	Select Exchange.	
10	OK	Press button to finish the setting.	
11	MENU	Press button to exit menu from screen or menu will quit after a few seconds without further action.	

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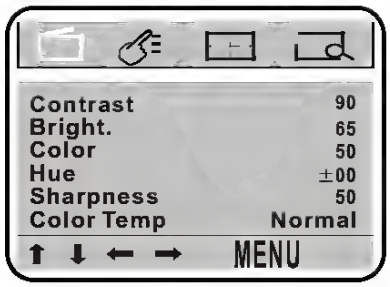
CHANNEL SKIP

This feature allows you to remove fault channels or restore skipped channels from the channel memory.

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	
2	V- / V+	Press button repeatedly until PRESET menu is selected.	
3	C+ / C-	Select Channel.	
4	V- / V+	Select the channel no. you want to remove or restore, e.g. 30.	
5	C+ / C-	Select Skip.	
6	V- / V+	Press button to select On/Off to remove/restore channel 30.	
7	MENU	Press button to exit menu from screen or menu will quit after a few seconds without further action.	

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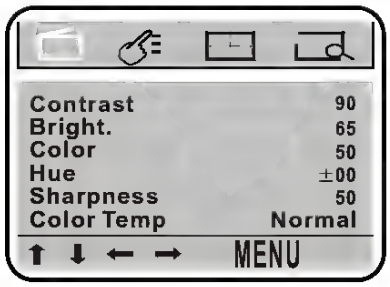
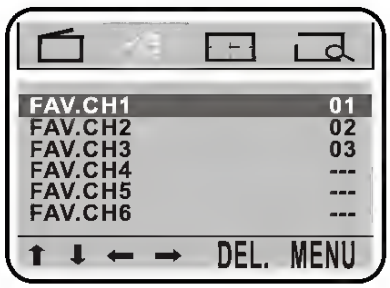
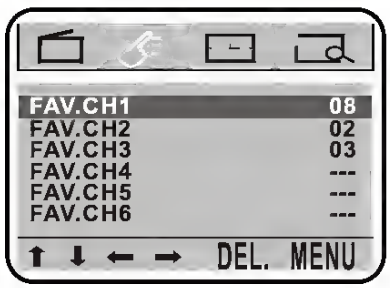
FAVORITE CHANNEL SETTING

This feature allows you to store six favorite channels in memory and preview these channels by pressing SURF button.

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	
2	V- / V+	Press button repeatedly until FEATURE menu is selected.	
3	C+ / C-	Press button repeatedly until Sort is selected.	
4	OK	Enter Sort submenu.	
5	C+ / C-	Select FAV.CH1.	
6	V- / V+	Select the channel no. you want to store into this position, e.g. 08.	
7		Repeat step 5 and 6 to set other favorite channels.	
8	MENU	Press button to exit menu from screen or menu will quit after a few seconds without further action.	

Notes:

- You can delete the undesired channel no. by pressing the DELETE button when this channel is highlighted.

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SELECTING THE COLOUR SYSTEM

This feature allows you to select your desired **Color** system. If **Auto** is selected, the respective color system will be automatically selected according to the transmission system.
Note: Select your desired color system manually if reception is poor at **Auto** mode.

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	
2	V- / V+	Press button repeatedly until FEATURE menu is selected.	
3	C+ / C-	Press button repeatedly until Settings is selected.	
4	OK	Enter Settings submenu.	
5	C+ / C-	Press button repeatedly until ColorSys is selected.	
6	V- / V+	Select the desired colour system (AUTO, PAL, NTSC3.58, NTSC4.43 or SECAM).	
7	MENU	Press button to exit menu from screen or menu will quit after a few seconds without further action.	

Notes: The above procedures are also applicable to the following functions:

- Bluemute: sets this function on or off. When Bluemute is selected to On mode, it will display a solid blue screen when a channel is selected that has no signal. The TV set will turn itself off after 10 minutes without signal.
- Snd Sys: sets the sound system among BG, DK and I by pressing the V- or V+ button. As the sound system is not auto-detection, users will then have to go to the menu and switch from BG to DK or I.
- Language: you can select English, or Chinese OSD.

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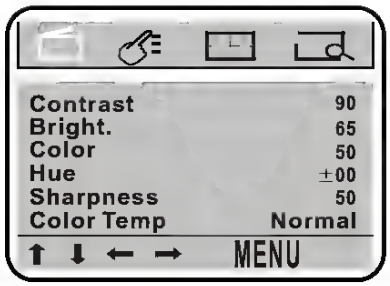
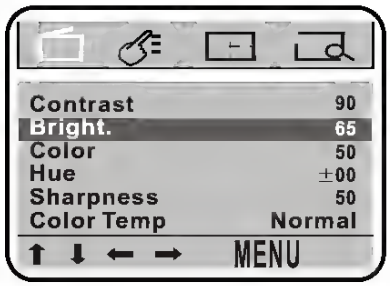
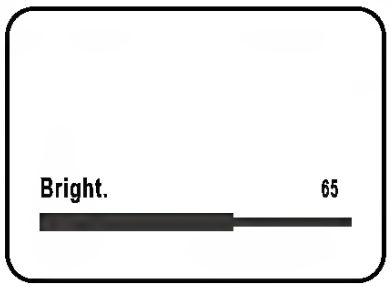
ADJUSTING THE TV PICTURE

This picture menu allows you to make adjustments to the picture.

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	
2	C+ / C-	Select item.	
3	V- / V+	Adjust level or select desired setting.	
4	MENU	Press button to exit menu from screen or menu will quit after a few seconds without further action.	

Picture menu items	Activities
Contrast	Increase or decrease contrast level.
Bright.	Increase or decrease brightness level.
Color	Increase or decrease color level.
Hue (for NTSC only, this item is not selectable for other signal)	Increase or decrease color tone of NTSC picture.
Sharpness	Increase or decrease sharpness level to improve detail in picture.
Color Temp	Set Color Temperature among Cool, Warm and Normal.

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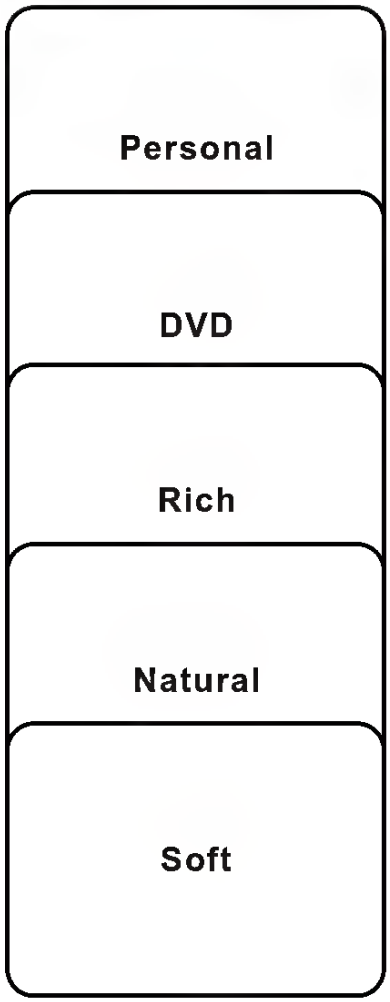
SMART PICTURE CONTROL

Whether you are watching a movie or video game, your TV has video control settings matched to your current program source or content. The Smart Picture feature quickly resets your TV's video controls of program for a number of different types of programs and viewing conditions you may have in your home. DVD, Rich, Natural and Soft are preset at the factory to automatically adjust the TV's Contrast, Brightness, Color and Sharpness levels, while Personal mode can be set by user according to your personal preference.

Step	Press button		Result on screen
1		Press button repeatedly to cycle through the 5 settings namely, Personal, DVD, Rich, Natural and Soft and select your desired picture setting.	

Definition of Smart Picture settings

Personal : Picture settings are set to your preference.

DVD : It is suggested that you select this mode when inputting external video signals.

Rich : Emphasize very vibrant colors. This setting is the optimal setting when you are viewing TV programmes in a brightly-lit room.

Natural : Emphasize original colors.

Soft : Emphasize warm colors. (Suitable for dimly-lit room condition and gives cinema-like effect when light is switched off).

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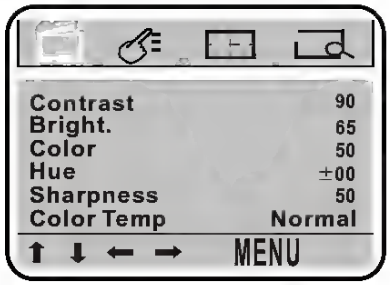
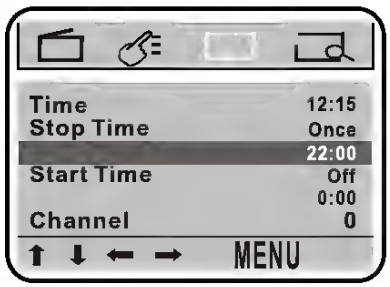
TIMER FUNCTION

Timer function is provided by the microcomputer of TV set. Once it is set, the Start/Stop time and time displaying functions can start functioning. The TV set will keep the correct time as long as the main power is on, even if the TV has been turned off into standby mode.

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	
2	V- / V+	Press button repeatedly until TIMER menu is selected.	
3	C+ / C-	Select Time.	
4	V- / V+	Set the current time, e.g. 12:15.	
5	C+ / C-	Select Stop Time.	
6	V- / V+	Select among Off, Once, Daily.	
7	C-	If you have selected Once or Daily in step 6, press the button to select 0:00.	
8	V- / V+	Set the Stop Time, e.g. 22:00.	

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TIMER FUNCTION

Step	Press button		Result on screen
9	C+ / C-	Select Start Time.	
10	V- / V+	Select among Off, Once, Daily.	
11	C-	If you have selected Once or Daily in step 10, press the button to select 0:00.	
12	V- / V+	Set the Start Time, e.g. 22:59.	
13	C-	Select Channel.	
14	V- / V+	Select your desired channel no., e.g. 11.	
15	MENU	Press button to exit menu from screen or menu will quit after a few seconds without further action.	

Notes:

- Off: The Start/Stop Timer is set to off and will not operate.
- Once: The Start/Stop Timer is set to turn on/off the TV at that time only one time.
- Daily: The Start/Stop Timer is set to turn on/off the TV at that time everyday until otherwise adjusted.
- Channel: This is the channel the TV will display at Start Time.
- Stop time should be set later than the time set in Time item.

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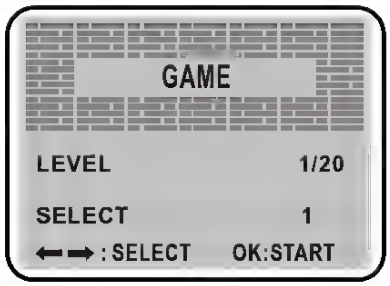
GAME FUNCTION

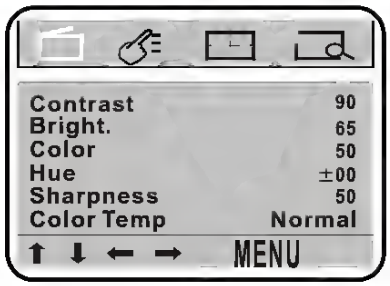
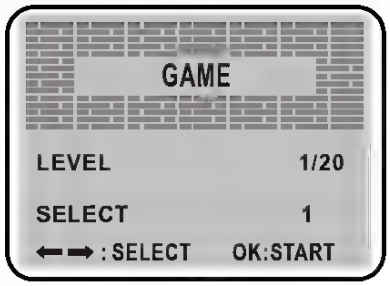
This TV is built-in a game for enjoying in your leisure time.

How to enter the Game:

Short-cut operation:

Step	Press button		Result on screen
1	GAME	Press button to enter the Game.	

Menu operation:

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	
2	V- / V+	Press button repeatedly until FEATURE menu is selected.	
3	C+ / C-	Press button repeatedly until Game is selected.	
4	OK	Press button to enter the Game.	

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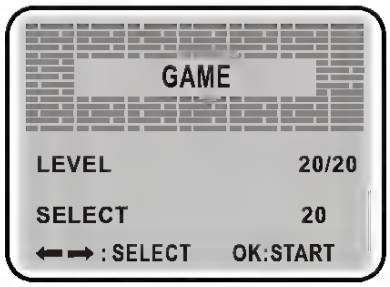
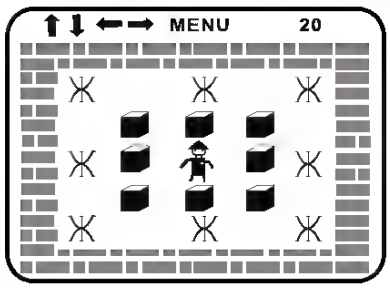
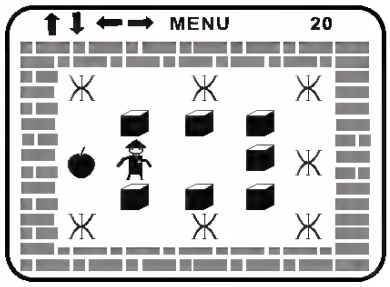
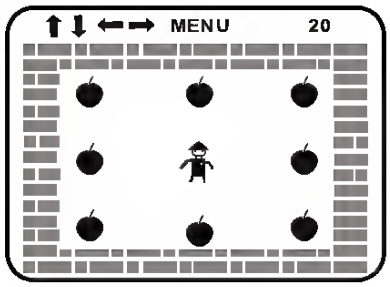
GAME FUNCTION

How to play the Game:

Step	Press button		Result on screen
1	V- / V+	Select the level from 1 to 20, e.g. 20.	
2	OK	Press button to start the Game.	
3	C+ / C- V- / V+	Press the buttons to control the moving direction of the CHILD to push the box into ⁂, and the box will turn into an apple.	
4	C+ / C- V- / V+	After having pushing all the boxes into ⁂, and all the boxes change into apples as shown, you win the game for this level, it will enter next higher level automatically.	

Notes:

- Playing the game for the first time, only level 1 can be selected and played.
- Only when you win the game of one level, you can enter the next higher level, and pressing the V- or V+ button can select from 1 to the level next higher than that you have passed. For example, if you have passed level11, pressing V- or V+ button can select from 1 to 12, and the higher levels(13-20) above 12 can not be selected.
- If you finish the game of level 20, it will return to level 1 again.

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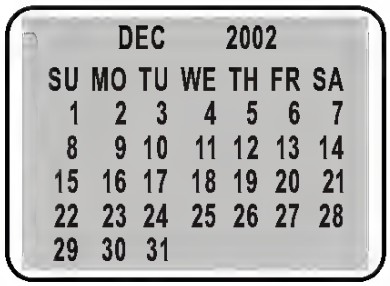
CALENDAR FUNCTION

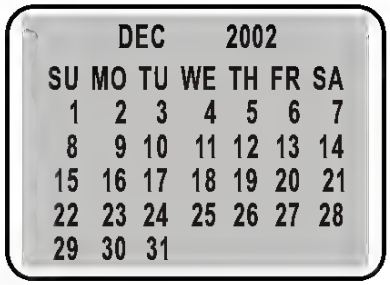
This feature allows you to look up days and years very conveniently.

How to enter the Calendar:

Short-cut operation:

Step	Press button		Result on screen
1	CALENDAR	Press button to enter the Calendar.	

Menu operation:

Step	Press button		Result on screen
1	MENU	Press once to enter PICTURE main menu.	
2	V- / V+	Press button repeatedly until FEATURE menu is selected.	
3	C+ / C-	Press button repeatedly until Calendar is selected.	
4	OK	Press button to enter the Calendar.	

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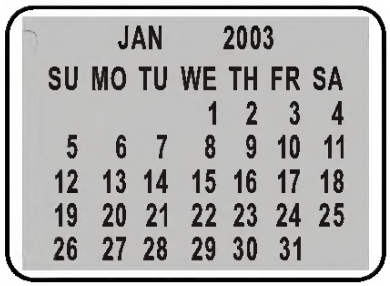
CALENDAR FUNCTION

How to look up days and years:

Step	Press button		Result on screen
1	V- / V+	Select your desired month.	
2	C+ / C-	Select your desired year.	



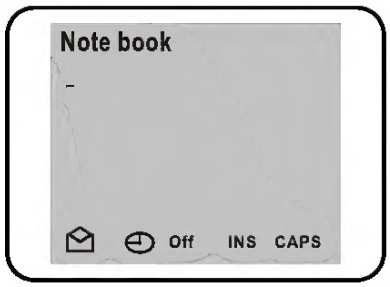
NOTEBOOK FUNCTION

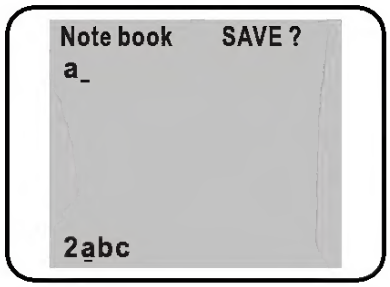
This feature allows you to store information such as phone number, leave message and etc, and can be used as a reminder.

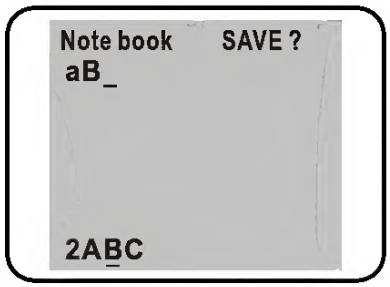
How to input and correct information in notebook:

Example: if you want to input the content: **aBc@21cn.com**

Step	Press button		Result on screen
1	NOTES	Press button to enter the Notebook.	
2	CAPS	Press button to turn off the capital function, and the color of CAPS on the screen will turn into blue.	
3	2 ABC	Press twice to input the letter "a". **Note:** Pressing this button repeatedly can cyclically input "2", "a", "b" and "c". The same procedure is applicable to input other digits or small letters.	
4	CAPS	Press again to turn on the capital function, and the color of CAPS on the screen will turn into red.	
5	2 ABC	Press three times to input the letter "B". **Note:** Pressing this button repeatedly can cyclically input "2", "A", "B" and "C". The same procedure is applicable to input other digits or capital letters.	







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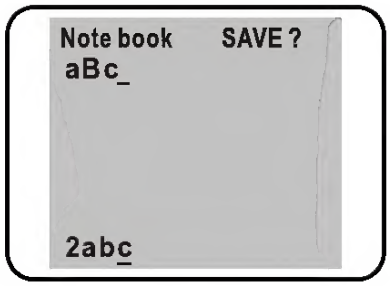
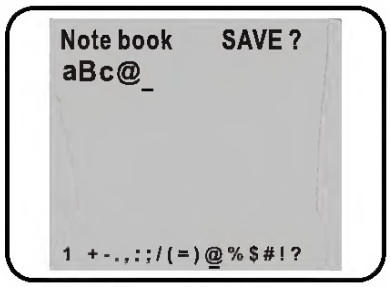
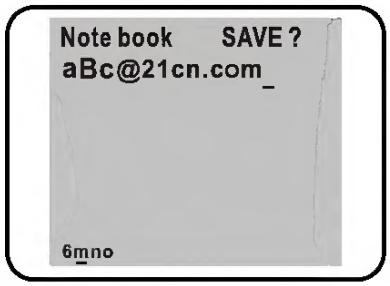
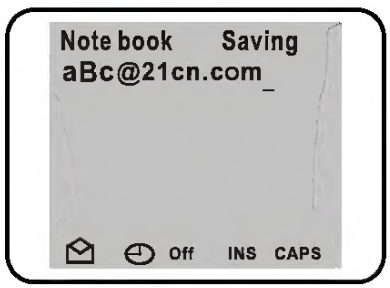
NOTEBOOK FUNCTION

Step	Press button		Result on screen
6	CAPS	Press button to turn off the capital function.	
7	2 ABC	Press four times to input the letter "c".	
8	1 +-?	Press repeatedly until the symbol "@" appears. **Note**: Pressing this button repeatedly can cyclically select "1", blank space, the common marks and punctuation marks "+", "-", ".", ",", ":", ";", "/", "(", "=", ")", "@", "%", "$", "#", "!" and "?" as shown.	
9		Repeat the above steps to input "21cn.com".	
10	OK	Press button to store the message. The word "Saving" appears on the screen.	

Notes:

- After finishing information writing, you can use DELETE button on the remote control to delete the unwanted or incorrect word. And press INSERT button on the remote control to select INS or OVER mode on the screen, then insert word into the stored information or overwrite it.

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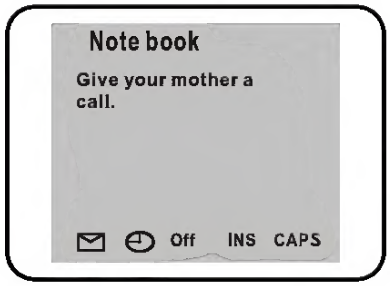
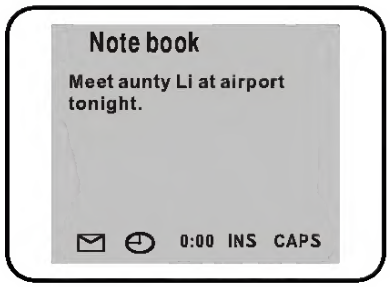
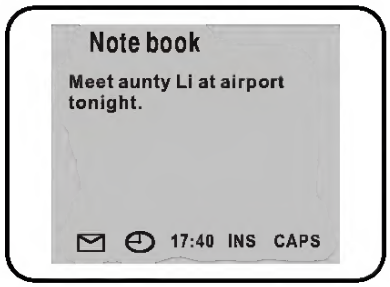
NOTEBOOK FUNCTION

How to utilize notebook function:

If you want to display the message when the TV is turned on:

Step	Press button		Result on screen
1	C+ / C- V- / V+	Move the cursor to select the sign ✉.	
2	OK	Press button to turn ✉ into ✉ as shown.	

If you want to display the message at a specified time:

Step	Press button		Result on screen
1	C+ / C- V- / V+	Move the cursor to select the sign ⏲.	
2	OK	Press button to turn Off into 0:00.	
3	C+ / C-	Set your desired time, e.g. 17:40.	

Notes:

- The time setting in notebook must be based on the time set in **Time** of TIMER menu. The time set in notebook must be later than the time set in **Time**.

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SPECIFICATION

	14PT2110	21PT2110
Picture tube screen size (diagonal)	370mm	540mm
Audio Output: speaker	2 x 2W	2 x 4W
Set Dimension Width Depth Height	 331mm 441mm 367mm	 600mm 456mm 372mm
Net weight of Set (approximate)	10kg	21kg
TV system	PAL BG/DK/I SECAM BG SECAM DK AV - NTSC	

Note:

For Operating Voltage, Frequency, Power Consumption, refer to the type number at the rear of the set.

Product is subjected to change without notice.

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